



NITFS Compliance Registration



Product: SOCET GXP® Version 2.2.1

Sponsor: BAE Systems

Developer: BAE Systems

Date: 30 April 2007
Expiration: 29 April 2009
Registration #: 2059

☐ Initial Registration
☒ Supplemental/Update # 2040
☐ Derived from Reg. #

System
N-0105/98, §4.1.1

NITFS Features Implemented:

☒ **Product**
N-0105/98, §4.1.2

☐ **Component**
N-0105/98, §4.1.3

Complexity Level							
NITF 2.1 CLEVEL	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL	1	2	3	4	5	6	Oth
Interpret							
Generate							

Configurations Tested:

- Pentium IV (Windows 2000/XP)
- Unix (Solaris 8, 9, 10)

Format

- ☒ NITF
- ☒ V2.1
- ☒ V2.0
- ☐ V1.1
- ☒ NSIF
- ☒ V1.0

Pixel Value Types

- ☒ Boolean
- ☒ Integer
- ☒ Signed Integer *
- ☒ IEEE Real *
- ☐ IEEE Complex *

Annotation Segment Types

- ☒ Bit Mapped **
- ☒ COM, 2301
- ☒ COM, 2301A
- ☒ Labels **

Text Segments

- ☒ META
- ☒ TIT1
- ☐ T8S
- ☒ MTF

Image Segment Types

- ☒ MONO
- ☒ RGB
- ☒ RGB/LUT
- ☐ YCbCr
- ☒ MULTI
- ☐ NODISPLAY
- ☐ POLAR

Image Compression

- ☒ Not Compressed
- ☒ PEG Lossy, 8-bit
- ☒ PEG Lossy, 12-bit
- ☒ PEG Downsample
- ☒ PEG Lossless
- ☒ PEG 2000
- ☒ Bi-Level
- ☒ Vector Quantization

Data Extension Segments

- ☒ TRE OVERFLOW
- ☐ STREAMING_FILE_HEADER
- ☒ Controlled Extensions **
- ☐ Registered Extensions **

Tagged Record Extensions

- ☒ Airborne SDE
- ☒ Commercial SDE
- ☒ HIPB
- ☒ QMAPA
- ☒ National SDE
- ☒ POAE
- ☒ LOCA
- ☒ RPC00A
- ☒ SE00A
- ☒ STDIDC
- ☒ STOA
- ☒ ZKLRA

Interpret
Generate
Legend
☒ Fully implemented
☒ Partially implemented
☐ Not implemented

Curtis L. Green, Lt Col, USAF

CURTIS L. GREEN, Lt Col, USAF, Division Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-Intelligence Agency for the NITFS Test and Evaluation Program

Registration does not guarantee that a product will meet all users' requirements. Potential users should evaluate the detailed test results to determine the suitability of product for the intended use. Optional NITFS features may not be implemented.